

**Re: Upper Animas Mining District Sampling Options**

**Megan\_Dudevoir** to: Forrest.Sabrina

10/07/2010 04:35 PM

From: Megan\_Dudevoir@URSCorp.com

To:

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Sabrina,

I will email you the ER SAP tomorrow morning. It will include 3 collocated surface water and sediment samples with a MS/MSD and a duplicate for each matrix.

I will give you a call on your cell when I send it.

Thank you!

Megan J. Dudevoir

URS Operating Services, Inc.

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Forrest.Sabrina@epamail.epa.gov

**Forrest.Sabrina@epamail.epa.gov**

ToMegan\_Dudevoir@URSCorp.com

10/07/2010 12:31 PM

ccAndrew\_Longworth@URSCorp.com

SubjectRe: Upper Animas Mining District Sampling Options

Megan, I like the idea of collecting the 3 samples related to the PPE ASAP. Please do the rush turn around with ESAT and be sure they can generate the supporting data deliverable we need for a listing package

in case we do go that route. I will update the stakeholders.

Sincerely,

Sabrina Forrest

NPL Coordinator &

Site Assessment Manager

U.S. Environmental Protection Agency

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From: Megan\_Dudevoir@URSCorp.com

To: Sabrina Forrest/R8/USEPA/US@EPA

Cc: Andrew\_Longworth@URSCorp.com

Date: 10/07/2010 10:25 AM

Subject: Upper Animas Mining District Sampling Options

Sabrina,

Below is a summary of what we think our sampling requirements would be after talking with Bryan about the fisheries and wetlands:

For scoring based on fisheries we would need to show that contaminant concentrations in the Animas below the confluence of Cement Creek are 3X above concentrations above CC. We'd need to collect collocated surface water and sediment samples in the Animas upstream and downstream of the confluence with Cement Creek, and one in Cement Creek. Then, to show attribution to the upper Cement Creek mines (Gold King, Mogul, Grand Mogul, Red and Bonita) we would need to bracket off each contributing gulch going up Cement Creek. This would include 22 collocated surface water and sediment samples.

In addition to the lower Cement Creek samples we are looking at about 18 collocated surface water and sediment samples and 12 source samples in upper Cement Creek. These samples are all that would be required to score solely on wetlands.

If we can not show 3X above background in the Animas, we can't score on fisheries and the 22 lower Cement Creek samples would be unnecessary. We think that the best way to proceed would be to get an ER sampling plan together, go collect the 3 samples that would show a PPE in the Animas, and submit them on a rush turn. In the meantime, we can prepare a sampling plan for both upper and lower Cement Creek sampling. That would prepare us to either include or eliminate the lower CC samples based on the results of our Animas sampling. In order to be sure of our course of action prior to your October 18th stakeholder meeting we think we'd need to do the Animas sampling tomorrow/ Saturday to submit samples on Monday.

If you have a minute today, give me a call and let me know how you'd like us to proceed. I'll keep my cell on me so I don't miss you (720.810.0785).

Megan J. Dudevoir  
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